ESOH Considerations in Military Operations

OSD and Joint Staff

Workshop on Environmental Considerations in Military Operations

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Naval Facilities Engineering Command
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Agenda

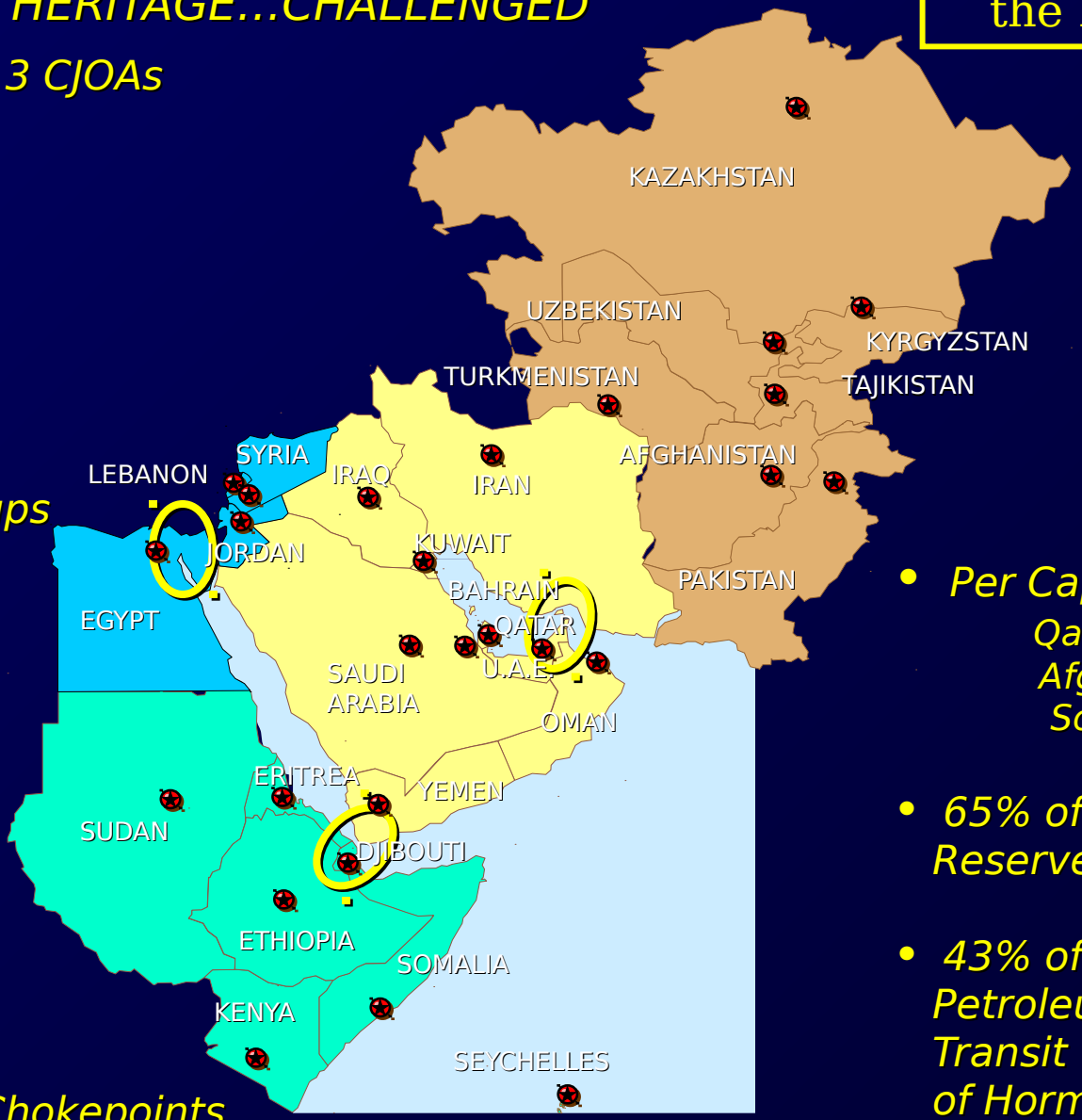
- **USCENTCOM Area of Responsibility**
- **Pre-Contingency Planning**
- **Depleted Uranium**
- **Iraq Disposal Issues**
- **Transboundary Movement**
- **In Progress…**

CENTCOM AOR

DIVERSE…RICH HERITAGE…CHALLENGED

CENTCOM is the Executive Agent for the Entire AOR

- *27 Countries / 3 CJOAs*
- *663 Million People*
- *7 Major Languages*
- *12+ Major Religious Groups*
- *18+ Major Ethnic Groups*



- *Per Capita Income:*
  Qatar: >$30,000
  Afghanistan & Somalia: <$200
- *65% of Known Oil Reserves*
- *43% of World's Petroleum Products Transit the Strait of Hormuz*
- *3 x Strategic Chokepoints*

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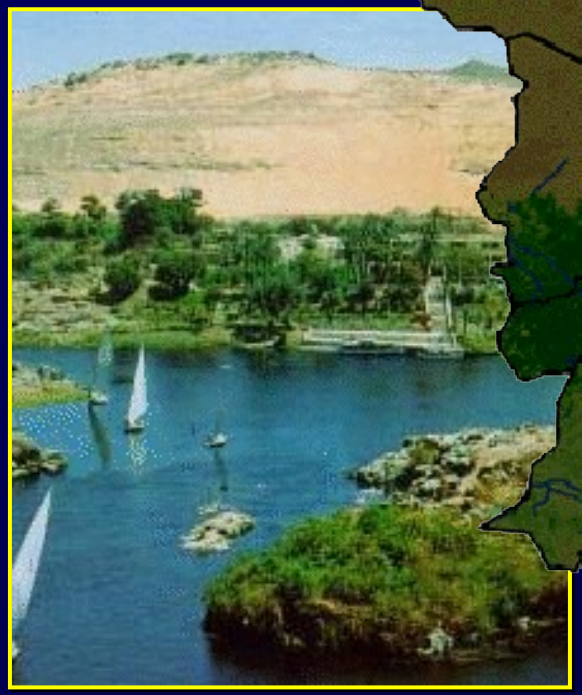
Water – Basis for Concern?



SYR DARYA

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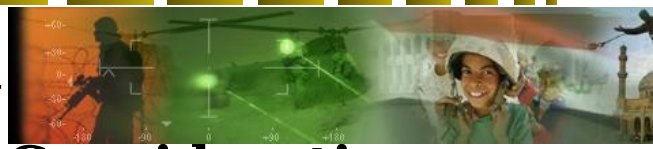
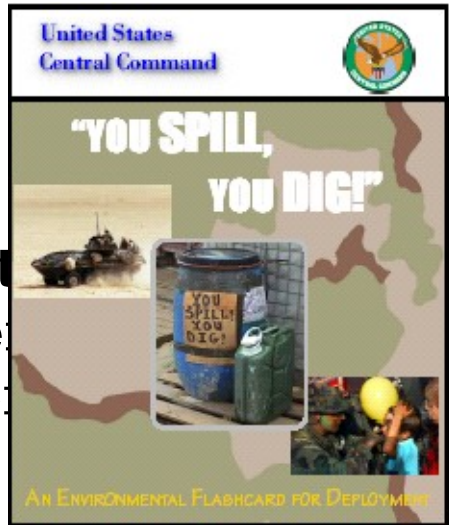
Pre-Contingency Planning



- **Be involved in the contingency**
  - **OPORD, ANNEX L Environmental Considerations**
  - **OPORD, ANNEX Q Health Services**
  - **Field-ready Standard Operating Procedures (SOP)**

- **Base (base camp) planning**
  - **Advance Surveys, CHPPM / NGA**
  - **Environmental Baseline Surveys**
    - **Coordination with Surgeon/Preventat**
    - **Environmental Health Site Assessme**
  - **Coordination with Defense Logistics Age**
  - **HM/HW/Used-POL Storage Areas**



- **Environmental supplies identified in Theater Stocks**

- **Environmental management billets in**

Depleted Uranium

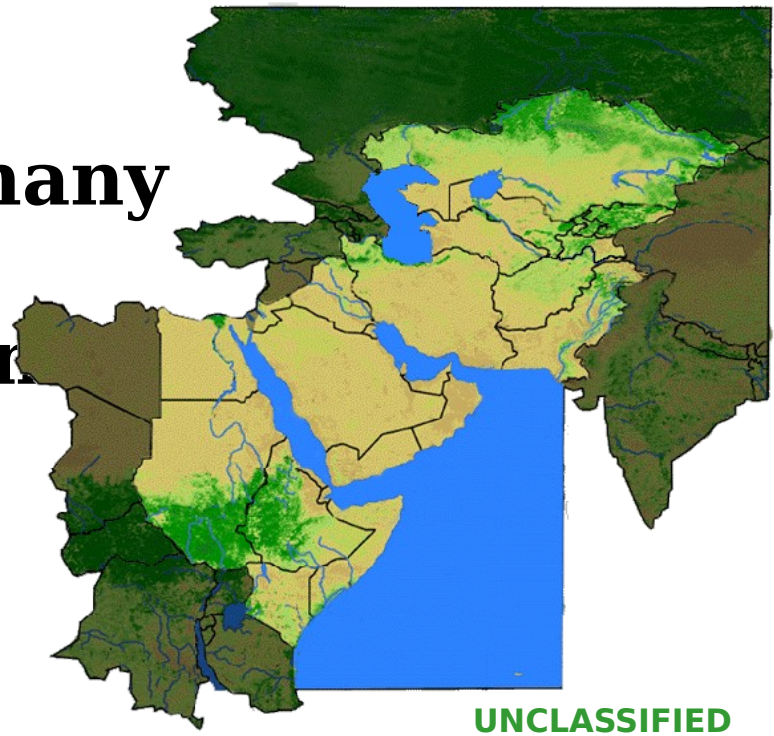
- **Introduction**
- **Requirements**
  - **Collection, reporting and management of data**
- **Foreign government interest**
- **Education**
- **Coordination: Counter-Proliferation (J5), Joint Staff, OSD, and the Office of the Sp Assistant for Gulf War Illnesses (www.gulflink.osd.mil)**

Iraq HW and Used-POL Disposal Issues

- Rotation of Forces
- Phases of Operations
  - Conflict / Hostility
  - Security
  - Stability
- Planning / Funding
  - LOGCAP Task Order #59/89/139
- Waste Streams
  - Waste Oil, Hazardous Waste
  - Incineration, Recycle, Volume R
- Iraqi Government Support
- Basel Convention

Transboundary Movement

- **United National Environmental Programme (UNEP)** **Basel Conv**
  - **Kuwait**
  - **Afghanistan**
- **Air Shipments to Germany**
- **Customs/Agriculture In**



In Progress

- **Base Camp Closure**
- **Recycling Initiatives**
- **Transition**
  - **Rotation of Forces**
  - **Military to US Embassy**
  - **Strengthening and supporting the Iraqi and Afghan Ministries of Environment**

Questions?

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BACK-UP SLIDES